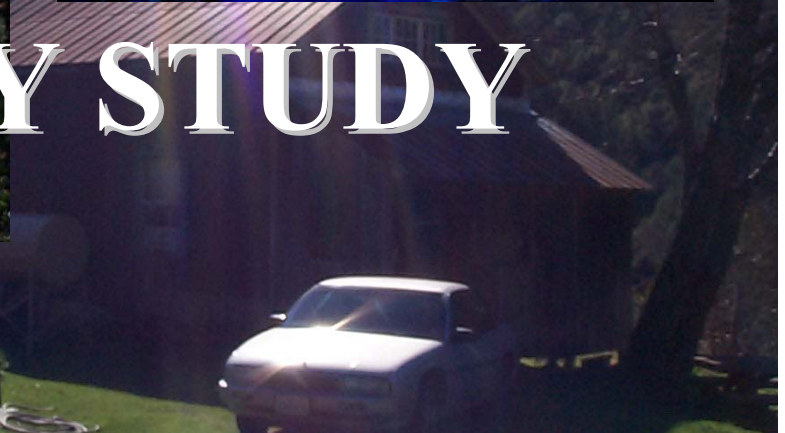




YUROK NATION

TRIBAL UTILITY FEASIBILITY STUDY



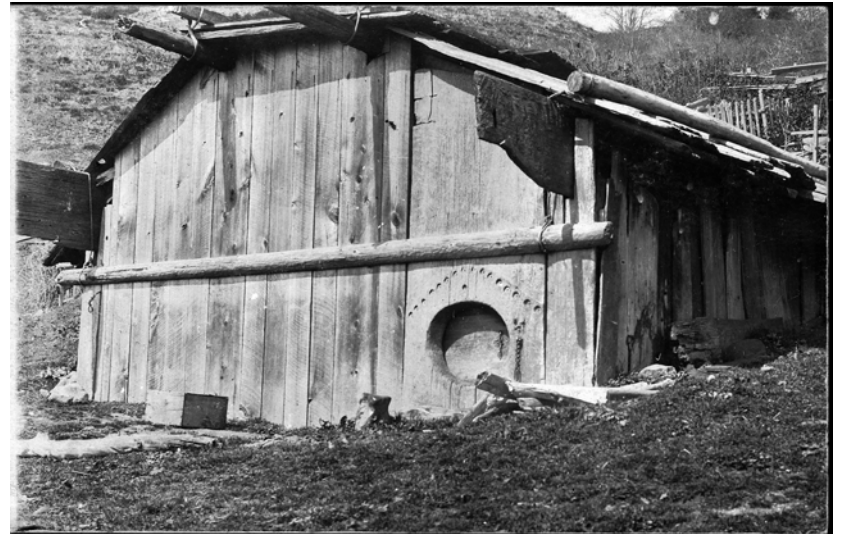
The Yurok people have lived on the sacred and wondrous land along the Pacific coast and Klamath River since the Spirit People made things ready for us and the creator placed us here.



YTUFS

HIGHLIGHTS

- OVERVIEW
- LOCATION
- PARTICIPANTS
- OBJECTIVES
- BACKGROUND
- TECHNICAL SUPPORT



YTUFS

PROJECT OVERVIEW



Yurok Public
Utilities District

- Development of a comprehensive feasibility study for the creation of a tribally owned and operated power utility.
- Creating a Tribal energy vision by focusing on both power **PRODUCTION and DISTRIBUTION**

YTUFS

POWER PRODUCTION

➤ Production Development Opportunities

- Biomass
- Hydroelectric
- Solar
- Hydrogen
- Wind

➤ Market Opportunities

- Purchasing
- Selling



YTUFS

POWER DISTRIBUTION CONSIDERATIONS

➤ Infrastructure Development

➤ Line Extension Construction/Acquisition

➤ Power Plant Construction

➤ Existing Infrastructure

➤ Appraisal

➤ Acquisition



State Highway 169

GEOGRAPHIC LOCATION

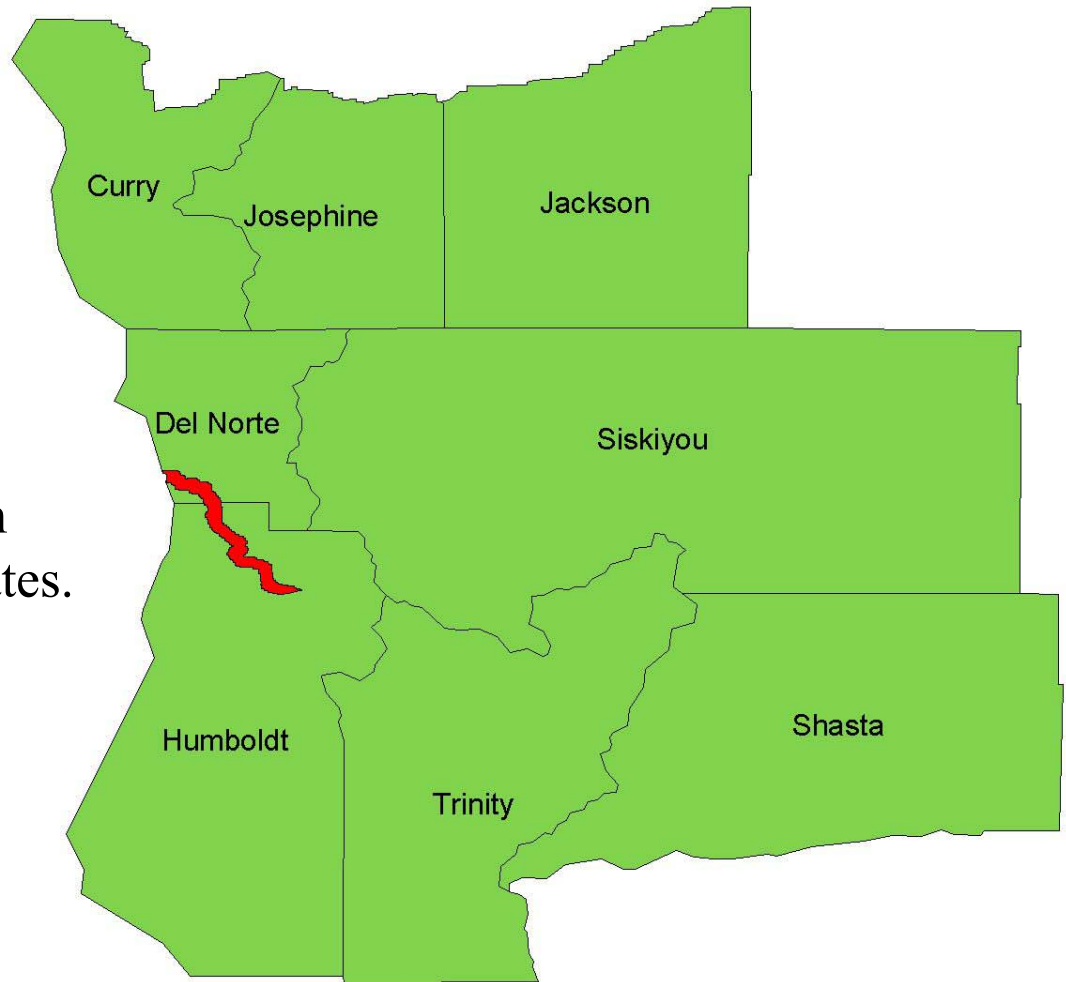
The Yurok Reservation is located in Northwestern California near the Oregon Border.



SURROUNDING TERRITORY

Voting Districts

The Yurok voting districts span eight (8) counties in two (2) states.



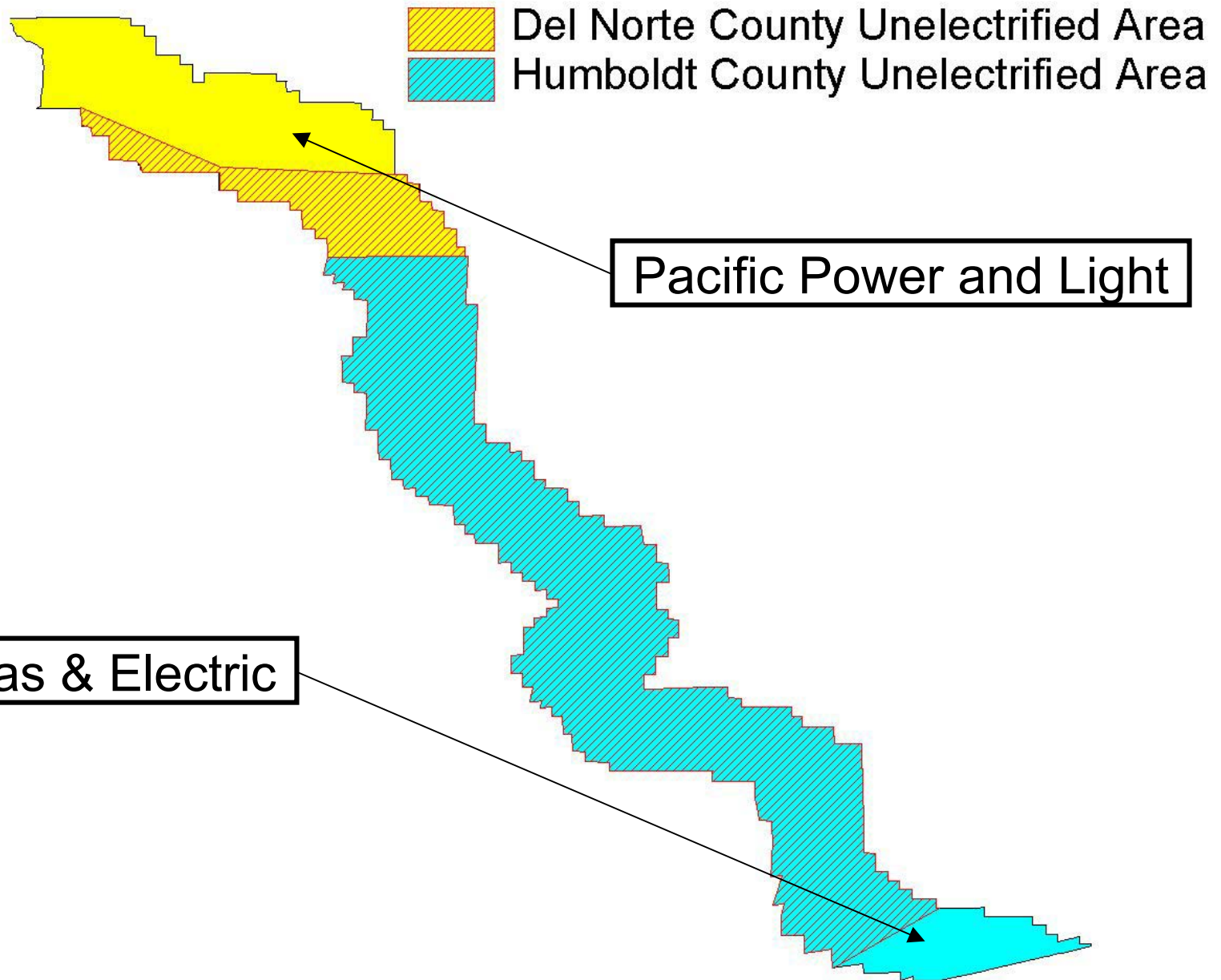
YTUFS

PROJECT PARTICIPANTS

- YUOK TRIBE
- ENERGY CONSULTING FIRM
- COUNCIL OF ENERGY RESOURCE TRIBES
- LOCAL POWER COMPANIES



Electrified Areas of the Yurok Reservation



YTUFS

OBJECTIVES

- Determine the feasibility of establishing a Tribal Power Utility
- If feasible, then:
 - Determine the best form of power utility to meet the desired level and quality of service
 - Determine the required steps, considerations, regulations and resources necessary to create a Tribal Power Utility
 - Develop required documents and agreements



YTUFS

BACKGROUND INFORMATION

- POWER LINE EXTENSION PROJECTS
- POWER DEVELOPMENT



POWER LINE EXTENSION PROJECTS

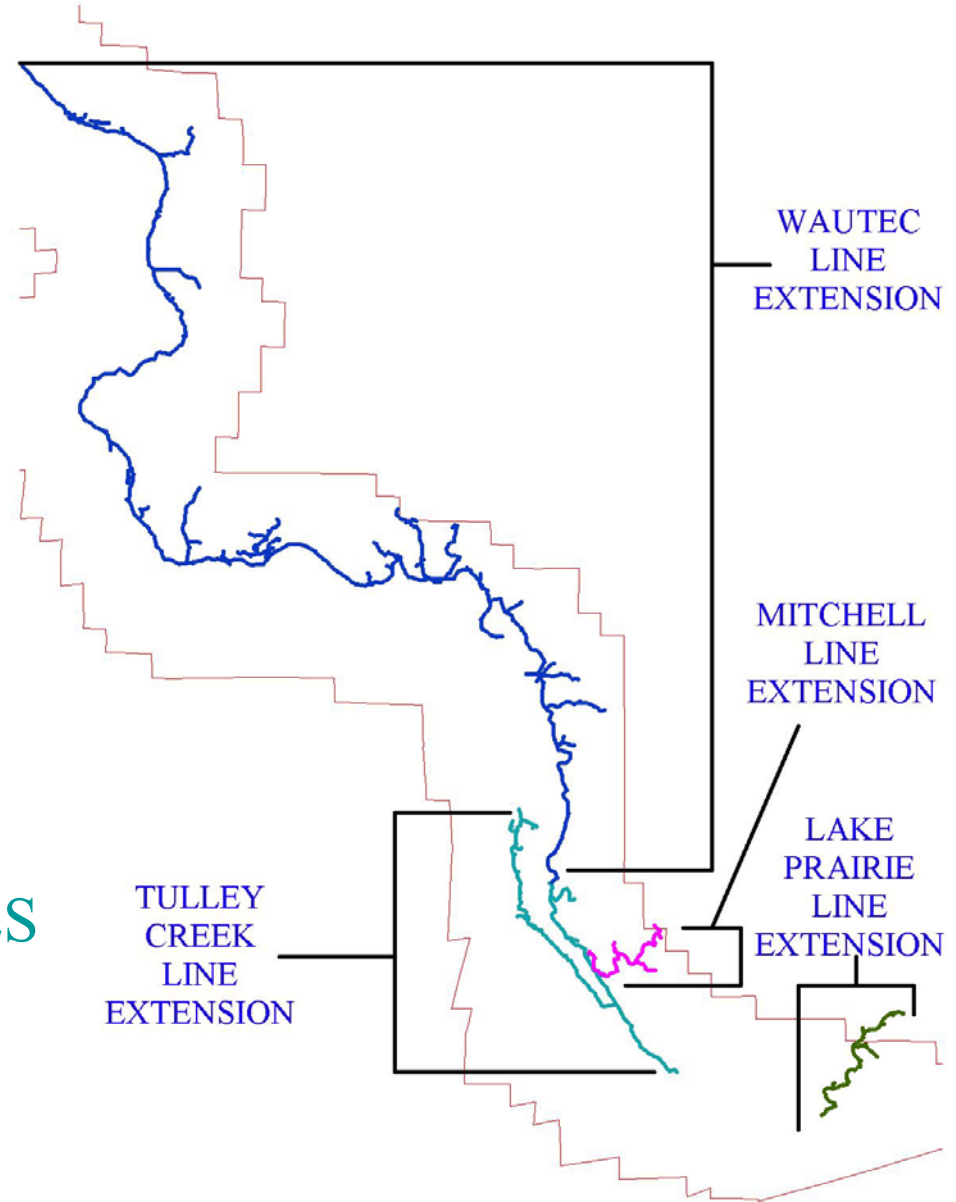
Yurok is working in coordination with Pacific Gas and Electric to build power line distribution services throughout the Upper Reservation.

MITCHELL: 2.5 MILES

LAKE PRAIRIE: 3 MILES

TULLEY CREEK: 7.5 MILES

WAUTEC: 35 MILES



YTUFS

Power Development

➤ POWER PRODUCTION

➤ BIOMASS

➤ HYDROELECTRIC

➤ ALTERNATIVE ENERGY

➤ HYDROELECTRIC

➤ PHOTOVOLTAIC

➤ HYDROGEN

➤ WIND



YTUFS

TECHNICAL SUPPORT

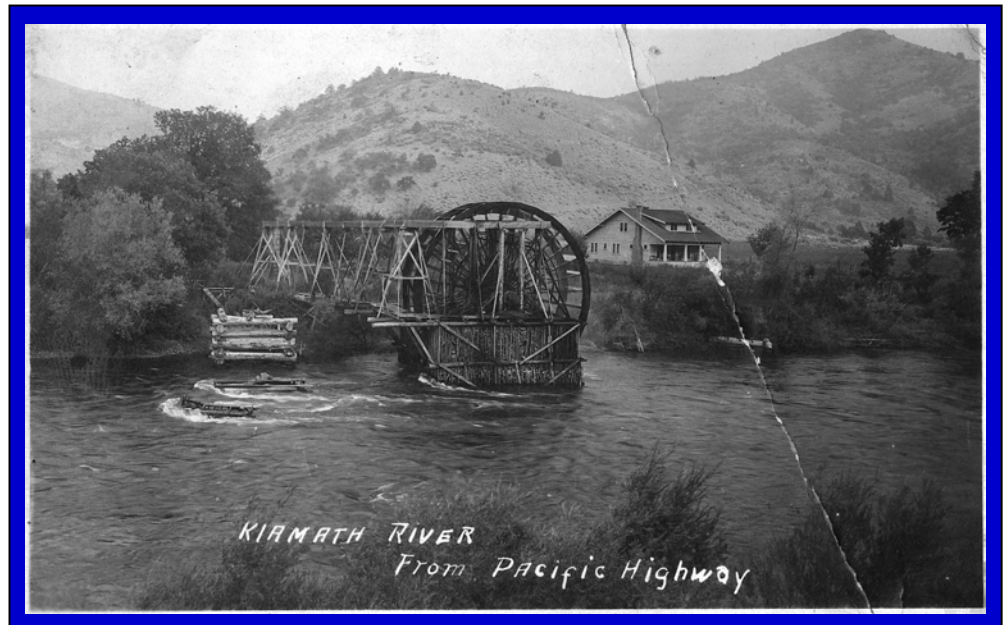
➤ DEPARTMENT OF ENERGY

➤ Data Collection and Development

- Case Studies
- Statistical Analysis
- GIS and Mapping

➤ Power Generation

- Bioenergy (Biomass)
- Solar Development
- Wind Development



WORKING FOR THE FUTURE

